IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Johan RUNE

Atty. Ref.: 2466-79

Serial No.

Group:

Filed: December 6, 2000

Examiner:

For: METHOD AND COMMUNICATION SYSTEM IN WIRELESS AD HOC NETWORKS

December 6, 2000

Assistant Commissioner for Patents
Washington, DC 20231

PRELIMINARY AMENDMENT

Sir:

Prior to calculation of the filing fee and examination on the merits, please amend the above-identified application as follows:

IN THE CLAIMS:

Please substitute the following amended claims 17, 18, 19, 39, 41, 42, and 43 for original claims 17, 18, 19, 39, 41, 42, and 43. A copy of original claims 17, 18, 19, 39, 41, 42, and 43 showing revisions is attached.

17. *(Amended)* A method according to claim 9, characterised by forwarding the cancellation of broadcast message to other neighbouring forwarding nodes connected to the same network, which takes place via the master node of the network if the node itself is not a master node in step h), when the identity of the broadcast message in the cancellation broadcast message is not found in the cache memory or the like.

18. *(Amended)* A method according to claim 16, characterised by no sending of a cancellation of broadcast message to a master node if there are no other forwarding nodes in the network to send to.

19. *(Amended)* A method according to claim 16, characterised in that when receiving a cancellation of broadcast message in a master node before having sent the broadcast message to all node slave units, the sending of the broadcast messages to the remaining slave is interrupted and instead the cancellation of broadcast message is sent to the forwarding nodes.

39. *(Amended)* A communication system according to claim 36, characterised in that there is only one network, and the network is a piconet consisting of one master and two or more slaves.

41. *(Amended)* A communication system according to claim 35, characterised in that the forwarding nodes do not include any master nodes, and the forwarding nodes forward the cancellation of broadcast messages via a lower protocol layer.

42. *(Amended)* A computer program product directly loadable into the internal memory of a digital computer, comprising software code portions for performing steps of the methods of or the methods performed by any block or device according to claim 32 when the product is run on a computer.

43. *(Amended)* A computer program product stored on a computer usable medium, comprising readable program means for causing a computer to control the execution of steps of the methods performed by any block or device according to claim 32.

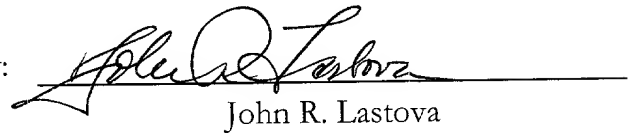
REMARKS

By the foregoing amendment, claims 17, 18, 19, 39, 41, 42, and 43 have been amended to eliminate the multiple claim dependencies in order to minimize the filing fee. A copy of original claims 17, 18, 19, 39, 41, 42, and 43 with annotations to show the revisions presented above is attached.

Prompt and favorable consideration on the merits is respectfully requested.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: 

John R. Lastova
Reg. No. 33,149

JRL:mm
1100 North Glebe Road, 8th Floor
Arlington, VA 22201-4714
Telephone: (703) 816-4000
Facsimile: (703) 816-4100

Attachment:
Appendix of Claims 17, 18, 19, 39, 41, 42, and 43

APPENDIX OF CLAIMS

Claims 17, 18, 19, 39, 41, 42, and 43

17. *(Amended)* A method according to claim 9 [any of claims 9 and 14], characterised by forwarding the cancellation of broadcast message to other neighbouring forwarding nodes connected to the same network, which takes place via the master node of the network if the node itself is not a master node in step h), when the identity of the broadcast message in the cancellation broadcast message is not found in the cache memory or the like.

18. *(Amended)* A method according to claim 16 [any of claims 16-17], characterised by no sending of a cancellation of broadcast message to a master node if there are no other forwarding nodes in the network to send to.

19. *(Amended)* A method according to claim 16 [any of claims 16-18], characterised in that when receiving a cancellation of broadcast message in a master node before having sent the broadcast message to all node slave units, the sending of the broadcast messages to the remaining slave is interrupted and instead the cancellation of broadcast message is sent to the forwarding nodes.

39. *(Amended)* A communication system according to claim 36 [or 37], characterised in that there is only one network, and the network is a piconet consisting of one master and two or more slaves.

41. *(Amended)* A communication system according to claim 35 [or 38], characterised in that the forwarding nodes do not include any master nodes, and the forwarding nodes forward the cancellation of broadcast messages via a lower protocol layer.

42. *(Amended)* A computer program product directly loadable into the internal memory of a digital computer, comprising software code portions for performing steps of the methods of or the methods performed by any block or device according to claim 32 [any of the preceding claims] when the product is run on a computer.

43. *(Amended)* A computer program product stored on a computer usable medium, comprising readable program means for causing a computer to control the execution of steps of the methods performed by any block or device according to claim 32 [any of the preceding claims].